

**PRINCE GEORGE ASTRONOMICAL SOCIETY
ROYAL ASTRONOMICAL SOCIETY OF CANADA
PRINCE GEORGE CENTRE**

**7365 Tedford Road
Prince George, BC
V2N 6S2**

Robotic Telescope Project (RTP) Minutes

May 10, 2022

Meeting Number: RTP017

Date: May 10, 2022

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Glen, Malhar, Rob, Gil, Bob.

Meeting Called to Order at 7:06 pm.

1. Approval of Minutes of RTP016

Motion: To accept the meeting minutes of RTP016 April 26, 2022.

Moved: Gil Seconded: Rob Carried

2. Old Business

- Reimbursements as required.
- Ensure all equipment can be controlled locally and remotely.

Malhar's report (Still in progress)

- Next clear night - T-Point

Glen's report

- Lower slot shutter winch motor mount was picked up on Monday. Weather prevents any progress on this phase of the project.

Bob's report

- Working on flip mirror automation.

Rob's report

- Working with Dave Lane on device control coding and interfaces.
- Integrated Raspberry Pi into observatory network.

Gil's report

- Working on flip mirror automation.

3. New Business

- Purchase and install ECU planetarium program and DC3 Dreams.
- Cloud Sensor has been shipped.

4. Current actionable items

Malhar:

- TPoint run with Bob.

Rob:

- Collaborate with Glen re lower slot door limit switches.
- Upgrade Alcyone and Maia to Windows 10.

Bob:

- TPoint run with Malhar.
- Flip mirror.
- Replace desiccant in ST9 and ST10 cameras.

Glen:

- Replace UPS batteries.
- Reconfigure rack mounted UPS to work with digital logger.
- Continue with the automation of the lower slot shutter.
- Collaborate with Rob re lower slot shutter limit switches.

Gil:

- Flip mirror.

5. Outstanding tasks and priority

- Work on automating the lower slot shutter.
- TPoint alignment
- Polar alignment
- Flip mirror automation
- 4Shooter automation
- Mirror cover mechanism

6. Date, Time, and Location of the next Robotic Telescope Project committee meeting

- The next committee meeting (RTP018) will be held on Tuesday May 24, 2022 starting at 7:00 pm using Zoom.

7. Adjournment: Meeting adjourned at 8:08 pm.